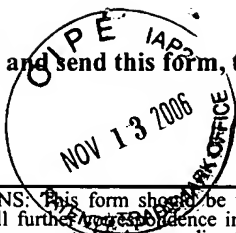


PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
 Commissioner for Patents
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590

08/10/2006

Patrick G. Burns, Esq.
 GREER, BURNS & CRAIN, LTD.
 Suite 2500
 300 South Wacker Dr.
 Chicago, IL 60606

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

| | |
|---------------------------------|--------------------|
| Josh C. Snider | (Depositor's name) |
| Josh C. Snider, Reg. No. 47,954 | (Signature) |
| November 10, 2006 | (Date) |

11/14/2006 HVDUNG 00000034 10664729

01 FC:1504 300.00 OP
 02 FC:1501 1400.00 OP

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/664,729 | 09/18/2003 | Takahiro Sasaki | 1117.68339 | 5616 |

TITLE OF INVENTION: LIQUID CRYSTAL DEVICE COMPRISING A SECOND ORIENTATION CONTROL ELEMENT CONSTITUTED BY AN ASSEMBLY OF DISTINCT PLURAL ORIENTATION CONTROL ELEMENTS FORMED BETWEEN ADJACENT REPETITIONS OF A FIRST ORIENTATION CONTROL ELEMENT

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$0 | \$1700 | 11/13/2006 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---------------|----------|----------------|
| DUONG, THOI V | 2871 | 349-129000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

SHARP KABUSHIKI KAISHA

Osaka, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Josh C. Snider

Date

November 10, 2006

Typed or printed name

Josh C. Snider

Registration No.

47,954

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Application of:

Applicant(s): Takahiro Sasaki

Serial No.: 10/664,729

Conf. No.: 5616

Filed: September 18, 2003

For: LIQUID CRYSTAL DISPLAY
DEVICE AND LIQUID CRYSTAL
ORIENTATION METHOD

Art Unit: 2871


Examiner: Duong, Thoi V.



I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

November 10, 2006

Date


 Attorney for Applicant(s)

Registration No. 47,954

ISSUE FEE TRANSMITTAL

Mail Stop ISSUE FEE
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

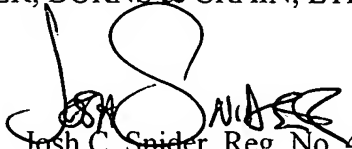
Enclosed herewith please find:

- (X) Form PTOL-85B (in duplicate), with check for \$1,700.00 (Issue Fee and Publication Fee).
- (X) If a publication fee is due and is not enclosed, or is enclosed in an improper amount, the Commissioner is authorized to charge the publication fee (or any deficiency in such fee) to Deposit Account No. 07-2069.
- (X) The Commissioner is authorized by the undersigned to charge any additional fees which may be required to this application under 37 C.F.R. 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 07-2069. A duplicate copy of this page is enclosed herewith.

Customer No. 24978
November 10, 2006
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Respectfully submitted,
GREER, BURNS & CRAIN, LTD.

By


 Josh C. Snider, Reg. No. 47,954